Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117138.D
Acq On : 18 Sep 2019 10:42
Operator : HP/JU
Sample : PB123115BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:05 AM

Quant Time: Sep 18 13:33:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69590	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	301139	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	153630	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	255523	20.00	ng	0.00
76) Chrysene-d12	13.97	240	162323	20.00	ng	0.00
87) Perylene-d12	15.42	264	123994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	464170	104.14	ng	0.02
7) Phenol-d6	6.47	99	609926	105.88	ng	0.01
23) Nitrobenzene-d5	7.39	82	365432	63.76	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	139143	108.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	654210	66.58	ng	0.00
79) Terphenyl-d14	12.91	244	617049	71.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	73199	39.245	ng	98
3) Pyridine	3.40	79	166716	32.656	ng	94
4) n-Nitrosodimethylamine	3.35	42	65859	37.592	ng	97
6) Aniline	6.49	93	235582	31.764	ng	91
8) 2-Chlorophenol	6.62	128	205282	42.691	ng	97
9) Benzaldehyde	6.37	77	121964	43.107	ng	98
10) Phenol	6.48	94	258833	40.758	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	186601	39.980	ng	99
12) 1,3-Dichlorobenzene	6.76	146	211405	39.179	ng	99
13) 1,4-Dichlorobenzene	6.84	146	219623	39.884	ng	99
14) 1,2-Dichlorobenzene	6.99	146	202255	39.450	ng	97
15) Benzyl Alcohol	6.97	79	185172	41.918	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	178938	38.805	ng	91
17) 2-Methylphenol	7.08	107	168369	41.779	ng	95
18) Hexachloroethane	7.33	117	85390	40.309	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	146842	41.863	ng	94
20) 3+4-Methylphenols	7.23	107	215034	42.837	ng	96
22) Acetophenone	7.23	105	299434	39.137	ng	98
24) Nitrobenzene	7.40	77	223657	39.516	ng	97
25) Isophorone	7.65	82	400871	39.503	ng	99
26) 2-Nitrophenol	7.72	139	104971	43.178	ng	97
27) 2,4-Dimethylphenol	7.76	122	175827	45.607	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	245204	39.219	ng	100
29) 2,4-Dichlorophenol	7.97	162	165912	41.071	ng	94
30) 1,2,4-Trichlorobenzene	8.05	180	167167	38.303	ng	98
31) Naphthalene	8.13	128	579472	40.011	ng	99
32) Benzoic acid	7.89	122	79899	30.270	ng	95
33) 4-Chloroaniline	8.17	127	144393	22.478	ng	98
34) Hexachlorobutadiene	8.25	225	93848	37.902	ng	99
35) Caprolactam	8.55	113	52353m	38.289	ng	
36) 4-Chloro-3-methylphenol	8.66	107	193361	41.051	ng	99
37) 2-Methylnaphthalene	8.82	142	396484	40.654	ng	99
38) 1-Methylnaphthalene	8.91	142	381158	41.729	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	157717	39.756	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	132376	75.932	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	105190	39.072	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	116655	40.556	ng		98
46) 1,1'-Biphenyl	9.27	154	474111	39.343	ng		100
47) 2-Chloronaphthalene	9.30	162	370955	39.004	ng		99
48) 2-Nitroaniline	9.40	65	118743	38.925	ng		94
49) Acenaphthylene	9.72	152	580756	40.762	ng		99
50) Dimethylphthalate	9.57	163	425157	39.085	ng		99
51) 2,6-Dinitrotoluene	9.64	165	93760	42.321	ng		96
52) Acenaphthene	9.89	154	330987	39.190	ng		99
53) 3-Nitroaniline	9.81	138	75520	27.018	ng		99
54) 2,4-Dinitrophenol	9.92	184	71784	75.608	ng		95
55) Dibenzofuran	10.06	168	503130	40.377	ng		97
56) 4-Nitrophenol	9.98	139	126420	69.783	ng		97
57) 2,4-Dinitrotoluene	10.05	165	126470	43.978	ng		97
58) Fluorene	10.40	166	411746	41.020	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	91323m	41.489	ng		
60) Diethylphthalate	10.27	149	426744	39.876	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	177738	40.926	ng		97
62) 4-Nitroaniline	10.43	138	109061	37.518	ng		96
63) Azobenzene	10.55	77	440555	40.307	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	51813	45.005	ng		88
66) n-Nitrosodiphenylamine	10.51	169	356216	40.366	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	104390	40.004	ng		94
68) Hexachlorobenzene	10.95	284	108261	37.931	ng	#	92
69) Atrazine	11.03	200	99579	45.482	ng		97
70) Pentachlorophenol	11.15	266	103736	77.537	ng		96
71) Phenanthrene	11.36	178	571448	39.373	ng		99
72) Anthracene	11.41	178	600826	40.549	ng		98
73) Carbazole	11.57	167	558202	39.688	ng		99
74) Di-n-butylphthalate	11.89	149	664525	39.711	ng		98
75) Fluoranthene	12.55	202	581297	38.980	ng		99
77) Benzidine	12.66	184	221671	42.394	ng		99
78) Pyrene	12.77	202	582352	42.757	ng		99
80) Butylbenzylphthalate	13.38	149	268180	41.670	ng		99
81) Benzo(a)anthracene	13.96	228	422419	38.951	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	105973	30.324	ng		99
83) Chrysene	14.00	228	420159	39.722	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	354404	42.710	ng		99
85) Di-n-octyl phthalate	14.54	149	550342	42.138	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	299152	38.766	ng		98
88) Benzo(b)fluoranthene	15.00	252	325915	43.393	ng		99
89) Benzo(k)fluoranthene	15.03	252	332439	46.725	ng		98
90) Benzo(a)pyrene	15.36	252	304392	46.184	ng		97
91) Dibenzo(a,h)anthracene	16.86	278	254131	48.402	ng		99
92) Benzo(g,h,i)perylene	17.29	276	247393	47.284	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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